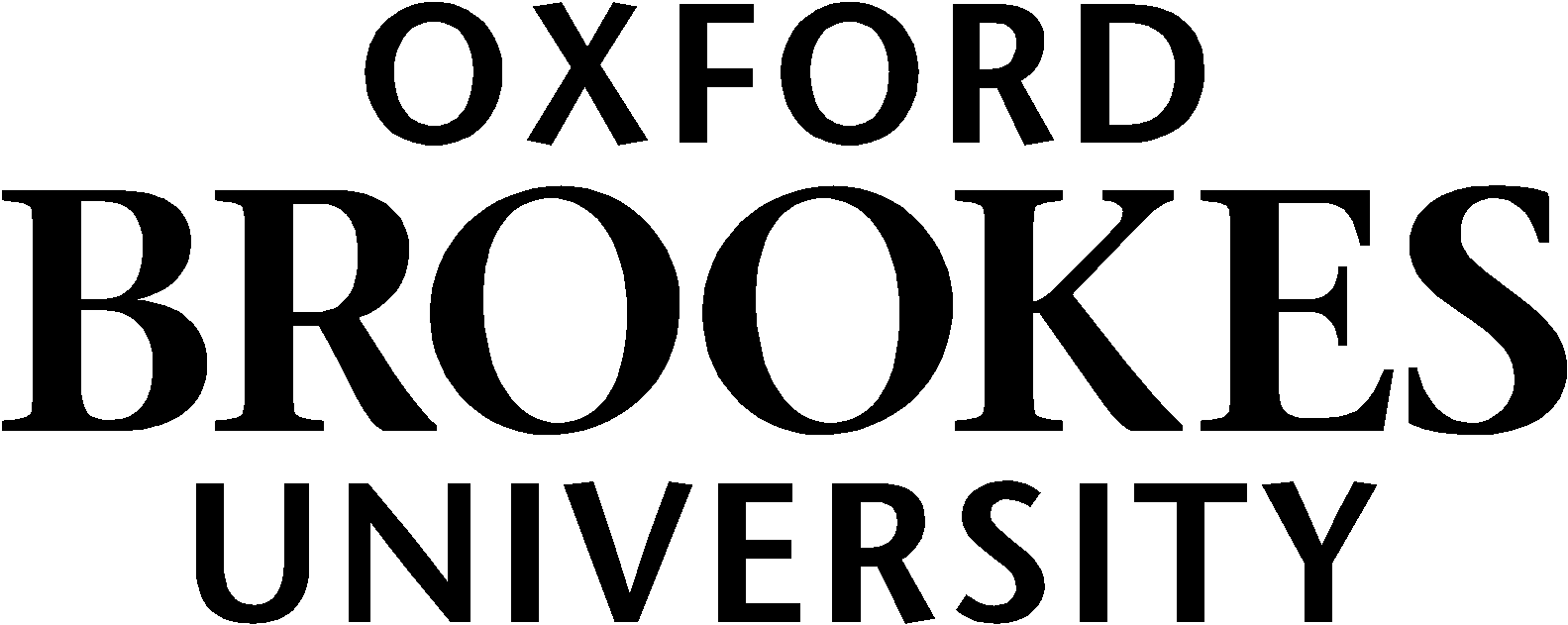
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**Assessment cover**

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| --- | --- | --- | --- |
| Module No: | COMP4035 | Module title: | **Computer Science Applications** |

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| --- | --- | --- | --- |
| Assessment number: | **1** | Assessment title: | **Reflections on creating a Project Proposal** |

|  |  |  |  |
| --- | --- | --- | --- |
| Banner assignment identifier | **CWS1WEEK06** | Due date and time**:** | **Friday 1 November 2023 13:00** |

|  |  |
| --- | --- |
| Estimated total time to be spent on assignment: | *XXX hours per student* |

**LEARNING OUTCOMES**

|  |
| --- |
| **On successful completion of this assignment, students will be able to achieve the following learning outcomes (LOs):** |
| LO 1: Demonstrate an understanding of business processes and modern work practices including group work, show basic analytic reflection of these processes, and be able to document them. |

**STUDENT NAMES**

|  |  |  |
| --- | --- | --- |
| **Student No:** | **Student ID Number (Only):** | **Group Name and Number:** |
| **1.** | **19327478** | **SET 1/ №39** |
| **2.** | **19313884** | **SET 1/ №39** |
| **3.** | **19318048** | **SET 1/ №39** |
| **4.** | **19311854** | **SET 1/ №39** |
| **5.** | **19322254** | **SET 1/ №39** |

**Statement of Compliance**  
By submitting this assessment I declare that the work submitted is my own and that the work I submit is fully in accordance with the University regulations regarding assessments. *(*[*www.brookes.ac.uk/uniregulations/current*](http://www.brookes.ac.uk/uniregulations/current)*)*

**Use of AI Tools:** You are required to use this [form](https://docs.google.com/forms/d/e/1FAIpQLSfjGiLTf7NEGMVeaZe62ufUxUs7kmw6HayzYTNKKioz_D3G2Q/viewform) to declare which AI tools you have used and how you have used them. Please complete the form and attach it to your submission as an Appendix, if you have used such tools.

*INTRODUCTION*

This report aims to give my personal opinion by reflecting on how the project went whilst working in a group; going over the advantages of working in a group and the few hardships I faced.

The work has been divided more or less equally, to the least to our best ability, between every member of the group.

*INDIVIDUAL WORK*

First and foremost, I’d like to reflect on how my part of the project went, I was in charge of describing the system capabilities. At first, I had opted for functional requirements to describe the functionalities of the website, however after a quick analysis with professor Marshall (aka Peter), it was pretty clear that my approach was wrong. The methodology employed by the group is agile, a more flexible method which would thus call for a more flexible description, in user stories as they provide case by case situations rather than fixed requirements to the system, meaning more flexibility. This is because more flexibility can be retained in the way a solution is conveyed (Agile Business Consortium, 2014).

*GROUP WORK*

Subsequently, and to get on to the group side of the project, I had to inform the group of the change in my approach. We had previously made a group chat and a google document to facilitate communications and sharing work making informing the group a couple of messages away, allowing a quick and efficient revision of plans. That way of proceeding made it really simple to communicate and discuss meetings and project details but its heavily relies on the members being active as a lack of communication will lead to uncertainty among the rest of the group and alienate the missing members from what might’ve been discussed or organised.

Which has been a slight issue in the group, as some members would simply not respond or give out any information on their progress leading to needless complications and slowing down the process. Fortunately, most of the sections do not require, another section for one to progress.

Nevertheless, communication in the group hasn’t been that much of an issue, we managed to establish a few meetings and discuss what we’d need from each member. For example, there was an instance, in which, the description, my part, was needed for the legal part and the testing part of the project; for which again points were made clear, I simply had to provide the team with my work via the google document and it was sorted. Or even in smaller groups as we have shared our personal details to make it easier to individually contact each other for some more specific questions. Assigning ourselves tasks amongst the group with no regard of who is the “group leader” has also made it much easier and effective, a simple plan of action to ensure the success of the groupwork (Burke, 2011, p. 87).

Furthermore, through this experience, I’ve learned that I’ve managed to quickly get the group to agree on a theme and share everyone’s ideas in said project through my description and user stories by setting a theme for the team, in the agreed choice of fitness/gym equipment; which has helped increase are efficiency as people work more efficiently when working towards a goal the group has agreed to (UNSW Sydney ,2024). I’ve also learned that I have to change my organisation plans because I did have a lot of difficulties getting my part done efficiently and had not done proper research on what approach would’ve been best for the project and would’ve lead me to a better understanding of the subject and thus how to proceed (Jones, 1995). Instead, I gave myself extra work and had to go through a change of plans which could have been avoided if I had come more prepared and done my research more thoroughly.

Thus for group projects, creating some kind of way to share information between members quickly and efficiently with a group chat for example, makes it much easier to organise plans and communicate as a team, whilst keeping everything clear and sticking to the set plan (UNSW Sydney, 2024). And personally always do my research before setting foot into something new, let the project be big or small. It lets one set a plan and create something personal coming from a place true to yourself (Kendra, 2022), it also helps in understanding how to proceed and thus the project.

*NOTES*

It is very important to keep clear and complete notes, to keep track of progress made on a project. They must be legible and personal notes whilst also emphasizing the main points (Imperial College London, n.d.).

9th October, 1:00 pm:

Getting in touch with the group members

11th October, 7:00 pm:

Choosing a theme for our project proposal:

Gym/fitness equipment e-commerce

12th October, 2:05 pm:

Sections were chosen

Roman 🡪 Description

Abdul 🡪 Analysis

Pablo 🡪 Legislation

Priyanshi 🡪 Methodology

Vlad 🡪 Testing

As you can see, I was in charge of the description and as also mentioned in the previous section. Though I wouldn’t have minded either and ended up getting the last section, by choice, I was really pleased with this section as while we were learning more about the topic in class I did pretty well and was confident in my ability to provide a proper description and user stories (see Appendix).

17th October, 1:30 pm:

Group meeting at forum:

Discussion:

* Main theme, how to approach said theme 🡪 “amazon style”
* Targeted market
* Process of production
* Operation
* What is needed for every section:
  + Testing requires description section
  + Some legal measures require description section
* Everyone’s progress at the time
* If everyone’s alright ;)

22nd October:

Revision of plans switch from functional requirements to user stories

Reduction of section 🡪 too many words

25th October:

Completion of every individual sections

26th October – 31st October:

More online group chat discussions regarding the project but no important notes taken

Slight corrections in groupwork (30th – 31st)

**References:**

Agile Business Consortium. (2014), *DSDM Project Framework, Chapter 15: Requirements and user stories.* <https://www.agilebusiness.org/dsdm-project-framework/requirements-and-user-stories.html>

Burke, A. (2011). Group Work: How to Use Groups Effectively. *The Journal of Effective Teaching*, 11(2). 87-95.

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Imperial College London. (n.d.). *Effective Note-Taking.*

<https://www.imperial.ac.uk/students/success-guide/ug/effective-study/in-class-and-in-lectures/effective-note-taking/#:~:text=Write%20legible%20notes%3B%20give%20yourself,to%20think%20whilst%20you%20write>.

Jones, R. (1995). *Why do qualitative research ?*.

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Neely, K. (2022). What to search before starting a Creative Project.

<https://pointsnorthstudio.com/blog/what-to-research-before-starting-a-creative-project/#:~:text=Researching%20first%20helps%20you%20to,products%20and%20services%2C%20and%20positioning>.

UNSW Sydney. (2024). *Guide to Group Work*.

<https://www.student.unsw.edu.au/groupwork#:~:text=Make%20sure%20you%20communicate%20regularly,that%20they%20have%20agreed%20to>.

**Appendix:**

System Capabilities

**Description:**

The website must be able to accommodate different kinds of accounts (personal, business, manufacturer, collaborator/sponsor and admin). To create an account users must be 16 or over; these accounts will have different purposes; personal accounts will be for personal use as they will allow one to perform basic functions on the website such as, purchasing an item. However, it will also allow the user to set their level (beginner, amateur, intermediate, professional), to get recommendations on what would be better for the client and even get tutorials on how to use the equipment. Furthermore, they’ll be able to look for gym facilities in the area and get assemblers for heavier orders. For business accounts they’ll have to prove that they run an existing and functional company related to anything gym-related, they’ll be able to do anything a personal account can do; they’ll also be able to make bulk orders and set their address as public for extra publicity by getting a sponsorship deal with the website. Manufacturers can set what kind of items they can produce and also their own calendar for availability. Sponsors can put up ads on the website after admin confirmation through a contract with the company. And finally admins, verify information input by system users, customer support and the legal side of the business (such as setting the terms and conditions); ensuring that the system is well and functioning at all times.

**User Stories:**

*Personal account users*

1.       As a user I want to be able to create different types of accounts for different needs (personal, business, manufacturer, admin, sponsor)

2.       As a user I want to be able to log on to the website to make purchases

3.       As a user I want to be able to filter out items to look for specific items according to my needs

4.       As a user I want to be able to modify my basket to add or remove items from my basket

5.       As a user I need to be able to choose how to pay for my purchases

6.       As a user I want to be able to choose when to get my order delivered to match with my availabilities

7.       As a user I want to be able to choose where my order is delivered to be aware of where to pick it up

8.       As a user I need to be able to set my level (beginner, amateur, intermediate, professional) to get personal recommendations on what kind of equipment I could get and what kind of exercises I should perform

9.       As a user I need to know how to safely and efficiently perform exercises with the equipment provided to avoid injuries and see proper results/gains

*Business account users*

1.       As a business I need to be able to get the equipment directly delivered at my gym facility for convenience

2.       As a business I want access to assemblers to build heavier machines

3.       As a business I want to be able to advertise my company through the website

*Manufacturer*

1.       As a manufacturer I need to be able to set my own prices for products I’ve manufactured to make a profit on it

2.       As a manufacturer I need to be able to set my availabilities on when I can produce more equipment or items

*Sponsors*

1.       As a sponsor I need to be able to put up ads on the website to advertise my products

*Admin/Staff*

1.       As a admin I need to be able to register data on the system to allow users to log in with their personal details

2.       As an admin I want to be able to monitor the website to ensure it is bug free

**Reference:**

Agile Business Consortium. (2014). *DSDM Project Framework, Chapter 15: Requirements and user stories.* https://www.agilebusiness.org/dsdm-project-framework/requirements-and-user-stories.html